Chemistry Notebook

This notebook was used by Edison in May 1907 to test the solubility of several lithium compounds. The book contains 152 numbered pages, only one of which has been used.

May 12 1907.

Solubility of Li_2CO_3 in

15% KOH. 100 cc saturated solution contains 2.443 grms Li_2CO_3
Equivlent to .991 grms Li_2O

15% NaOH " " Contains 2.475 grms Li_2CO_3
Equivlent to 1.002 Li_2O

21% KOH. " " Contains 2.714 Li_2CO_3
Equivlent to 1.099 grms Li_2O

Dr Grothe

Solubility 100 cc solution saturated LiOH

15% NaOH	3.295 Li_2O
	5.269 LiOH
15% KOH	2.291 Li_2O
	3.668 LiOH
10% KOH.	1.882 Li_2O
	2.918 LiOH
21% KOH.	2.858 Li_2O
	4.573 LiOH

Dr Grothe.